

JAPANESE MEDICAL MATERIAL

P-307

SET, PHYSICO-CHEMICAL ANALYSIS, FIELD

290368

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5 April 1946.

MEDICAL ANALYSIS SECTION  
5250th Technical Intelligence Company

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Set, Physico-Chemical Analysis, Field

SOURCE: Tokyo, Japan.

IMPORTANCE: Not previously reported.

DESCRIPTION: This set consists of two chests, 26" x 13 1/2" x 12 1/2", which are roughly constructed. The outside of each is painted an olive drab color and on the front of each appears the Geneva Red Cross.

The Japanese characters painted on the lids read "Physico-Chemical Medical Pannier". The chests are numbered 1 and 2.

The interior of each chest is divided into two compartments. Into these, smaller chests are tightly fitted except the smaller compartment of Chest #1 in which is contained a case equipped with a canvas pouch and carrying strap and which contains various reagents, test tubes and miscellaneous items.

All the smaller chests are numbered from 1 thru 6. Two of them are packed in Chest #1 and the remaining four, used for the reagents, are packed in Chest #2.

An inventory of the items present in the chests is included in this report. Some of the reagents are missing.

COMMENT: This set is very complete. Adequate reagents and other equipment are used.

According to the nomenclature which calls this set a pannier, it was presumably intended to be transported by horses.





Fig. 1 - Chest #1



Fig. 2 - Chest #2



INVENTORY OF  
SET, PHYSICO-CHEMICAL ANALYSIS, FIELD

CHEST #1

Water examiner	set	1
Funnel	ea	2
Scissors	ea	1
Thermometer	ea	1
Forceps	ea	1
Set, for color comparison	ea	1
Solution, sodium sulphate	gm	3
Ferrous sulphate	gm	3
Solution, ammonium molybdate	gm	3
Test papers, orthotolidine	ea	30
Sodium hydroxide	gm	3
Solution, iodine and potassium iodide	gm	3
Test papers, starch iodide	ea	30
Cuprous iodide	gm	5
Reagent, Nessler	gm	3
Cotton, lead acetate	gm	1
Test papers, silver chloride	ea	30
Hydrochloric acid	gm	3
Silver chromate	gm	5
Powder magnesium	gm	5
Test papers, mercury bromide	ea	30
Powder, metal examining	gm	3
Soap powder	gm	3
Seignette's salts	gm	3
Oxalic acid	gm	3
Litmus paper, red	ea	30
Litmus paper, blue	ea	30
Filter papers	ea	30
Chart for listing results of water examination	quire	1
Tubes, arsenic detecting	ea	2
Pencil	ea	1
Spoon	ea	3
Test tube	set	2
Test tube washer	ea	1
Dish, magnet	ea	1
Cotton	sheet	1
Medicine dropper	ea	2

CHEST #2

Solution, potassium permanganate	btl	1
Solution, sodium thiosulphate	btl	1
Solution, oxalic acid	btl	1
Water, distilled	btl	1
Alcohol	btl	1



Carbon tetrachloride	btl	1
Solution, silver nitrate	btl	1
Chloroform	btl	1
Solution, hydrochloric acid, diluted, 1%	btl	1
Nitric acid, diluted, 10%	btl	1
Sulphuric acid, diluted, 10%	btl	1
Water ammonia, 10%	btl	1
Solution, sodium carbonate, 10%	btl	1
Solution, silver nitrate	btl	1
Solution, ferric chloride, 10%	btl	1
Solution, potassium permanganate, 10%	btl	1
Solution, sodium hydroxide, 10%	btl	1
Solution, hydrogen peroxide, 3%	btl	1
Water, bromine, 3%	btl	1
Solution, sodium-potassium tartrate	btl	1
Hydrochloric acid, 38%	btl	1
Acetic acid, glacial, 99%	btl	1
Solution, sodium nitroprusside	btl	1
Metallic sodium	btl	1
Copper plate	btl	1
Iron wire	btl	1
Tin	btl	1
Balls, zinc	btl	1
Powder, zinc	btl	1
Aluminum plate	btl	1
Powder, magnesium	btl	1
Lead acetate	btl	1
Sodium carbonate	btl	1
Potassium ferrocyanide	btl	1
Oxalic acid	btl	1
Test papers, mercury bromide	btl	1
Test papers, litmus, red	btl	1
Test papers, litmus, blue	btl	1
Test papers, starch iodide	btl	1
Benzene	btl	2
Chloroform	btl	1
Carbon tetrachloride	btl	1
Acetone	btl	1
Ether	btl	1
Alcohol, dehydrated	btl	1
Solution, resolic acid, 1%	btl	1
Reagent, glyceromine	btl	1
Reagent, Nessler	btl	1
Solution, potassium chromate, 5%	btl	1
Solution, phloridzine, 1%	btl	1
Solution, starch, 1%	btl	1
Powder, medical soap	btl	2
Powder, bleaching	btl	2
Solution, picric acid, 10%	btl	1
Solution, potassium hydroxide, 1%	btl	1
Solution, Sodium hydroxide	btl	1
Solution, molybdic acid	btl	1



Solution, benzidine acetate	btl	1
Solution, potassium cyanide, 1%	btl	1
Solution, sodium phosphate	btl	1
Solution, copper acetate	btl	1
Solution, Mayer	btl	1
Copper sulphate	btl	1
Iron sulphate	btl	1
Sodium peroxide	btl	1
Cuprous iodide	btl	1
Solution, orthotolidine	btl	1
Solution, anilin (saturated)	btl	1
Solution, silver acetate	btl	1
Solution, silver nitrate, ammoniac	btl	1
Solution, phenolphthalein	btl	1
Solution, nitroglycerin	btl	1
Solution, iodine trichloride	btl	1
Solution, palladium chloride	btl	1
Solution, mercurous nitrate	btl	1
Tincture of iodine	btl	1
Reagent, acetylene	btl	1
Test papers	btl	2
Test papers, orthotolidine	btl	1
Test papers, silver chloride	btl	1
Bleaching powder	btl	2
Potassium permanganate	btl	1
Sodium hydroxide	btl	1